

# The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •

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PROPAGATION: Nov 1, 2, Disturbed; Nov 3, Below Normal; Nov 4, Low Normal; Nov 5, High Normal; Nov 6, High/Low Normal; Nov 7, Low Normal; Nov 8, High/Low Normal; Nov 9, Low Normal; Nov 10, High Normal; Nov 11, Below Normal; Nov 12, 13, Low Normal; Nov 14, Below Normal; Nov 15-17, High Normal. TNX N4XX.

Flux (80)	Flux (81)	Flux (82)	Flux (83)	Flux (84)	Date	Flux -----1985-----	A	K
202	305	134	114	77	10/18	76	16	4
202	278	139	110	77	10/19	78	15	3
202	267	149	106	75	10/20	80	10	1
206	240	163	100	74	10/21	86	10	1
209	221	170	90	74	10/22	95	15	3
198	210	182	88	75	10/23	95	10	2
195	203	193	89	73	10/24	94	8	3
189	188	202	90	72	10/25	92	10	3
185	174	200	90	71	10/26	85	5	2
185	174	191	90	70	10/27	80	4	1

• DF2RG/457 continues his operations from Sri Lanka until Nov 21. He may make a side trip to the Maldive Islands.

• The Bavarian Contest Club will activate 4U1ITU in the CQ WW CW Contest at the end of November with a multi-transmitter effort. QSL information later.

• DL7MAE plans to operate, along with members of the Bangkok Radio Club, from HSOA, in the CQ CW Contest.

• Jordan will celebrate King Hussein's (JY1) 50th birthday by using JY50 callsigns Nov 7, for two weeks.

• JE1JKL will operate as NH6J/KH0 from Saipan during the CQ CW Contest; he will be there Nov 21-26 and outside of the Contest will concentrate on 160 Meters. Look on 1826; sunrise/sunset are 2023/0744Z. QSL to his home call or via JARL.

• PJ2M1, well-known licensing officer on Curacao, says that P4 calls are no longer available for Aruba, which will become independent from the Netherlands Antilles after Jan 1. We have mentioned the independence before, and it looks like Aruba is likely to become the newest DXCC country, although the phase-out period will last ten years.

• SM0AJU will be a guest operator at 5H3BH from Nov 16 to Dec 2; says he will be active 160-10 Meters and will be very active in the CQ CW Contest.

• According to England's DXNS, several G stations worked JTOAPE around 2330Z a couple of weeks ago on 160 Meters. While we are pretty certain no one has worked all zones on 160, we'd like to hear from anyone who is close. And TDXB always wants more entries for our all-time band-countries column.

## Outstanding conditions mark CQ WW SSB Contest

CHRISTMAS CAME EARLY for the CQ WW Phone Contest. Although solar flux peaked a few days earlier at 95, it was still 85 on the first morning of the Contest, with very low geomagnetic activity. The result? 10 Meters came alive. The U.S. East Coast, as far south as Virginia, enjoyed a 90-minute opening to Western and Southern Europe. Then skip moved south to Africa, and the opening extended as far west as the Mississippi River.

Unfortunately, activity was lacking, on both sides of the Atlantic. Although the openings had been occurring for several days, there simply weren't many stations on 10 until the Africans began coming through. The big-gun contest stations in the U.S. called CQ without answers while, at the same time, the Europeans who were on the band were S9+. DXpeditions in the Caribbean did not get the early opening to Europe, which began for the U.S. about 1400Z, but they did get a later opening, which lasted until about 1900Z.

15 Meters was very good, with many contesters working over a hundred DXCC countries. The West Coast got plenty of JAs, and a pretty good European opening. Texas contesters, conversely, had only a very poor opening to Japan on 15. The East Coast had none. Sunday was better on 15 than Saturday. 20 Meters was as expected, perhaps suffering slightly from the good conditions on 15 and 10. 40, 80, and 160 benefitted from very low noise levels for most of North America.



Jack, W1WEF, was on his way to Cape Cod back in August, stopped at a restaurant for coffee, and by pure chance ran into Angelo, D44BS, and Don, J37AH. That's the three of them above, in left-to-right order.



• PAOGAM, writing in DXPress, of which he is editor, reports making 7,000 contacts from 9Q5MA, all on CW.

• Also in DXPress is word that OH2KI/ZB2 will be active in the CQ CW Contest.

• 1985 is the 40th anniversary of post-war DXCC, but the big one is in 1987: the 50th anniversary of DXCC. That's not so far away, and already some are starting to think about a way to celebrate the occasion. Trivia question: who was the first operator to receive DXCC? (Answer next issue).

# 1985 WIDA DX QUIZ

(administered by Lanny Bailey, W100, at the 1985 New England DXCC Dinner)

1. What was Gus Browning's favorite beverage?
2. Name the calls of the three operators who braved the shores of Spratly Island in 1979 (1S1DX).
3. Which of the following call(s) belongs to the person who wrote QST's "How's DX" in the 1950s and 1960s? KV4AA, W1VMW, W1HDQ, W9BRD.
4. What is the correct CQ WAZ zone for:

UF	16	17	18	19	21	22	23	26	29	37	39
VK0 Heard	16	17	18	19	21	22	23	26	29	37	39
VU Nicobar	16	17	18	19	21	22	23	26	29	37	39
VU Laccadive	16	17	18	19	21	22	23	26	29	37	39
UA0YT	16	17	18	19	21	22	23	26	29	37	39

5. There are three CQ WAZ zones which in each case can only be worked by working one DXCC country; name them.

6. Match the special prefix with the normal prefix:

AM1AA	VK	W	AP	EA	LU
EU1AA	UC	EA	ET	EP	EI
HE1AA	HA	HB	HH	HC	HV
MX1AA	CX	DX	G	XE	3A
OR1AA	A4	OE	OZ	OK	ON
4A1AA	4S7	4X4	XE	XU	VE

7. List the 11 countries which can be worked by working stations above the Arctic Circle:

8. A line running due south of Boston to the South Pole will pass through which 8 DXCC countries?:

## QUIZ ANSWERS

1. Coca-Cola
2. K1MM, K4SMX, VK2BJL
3. W1VMW, W9BRD
4. UF, 21; VK0 Heard, 39; VU Nicobar, 26; VU Laccadives, 22; UA0YT, 23.
5. Zones 2, 18, 19.
6. AM1AA, EA; EU1AA, UC; HE1AA, HB; MX1AA, G; OR1AA, ON; 4A1AA, XE.
7. SM, LA, OH, OX, JX, JW, UA1 (FJL), UA1, UA9, VE, KL7.
8. W, VP5, HI, YV, OA, HK, CE, ANTARCTICA.

## 160 METERS

4U1ITU	1829	0510	16	RI
4U1ITU	1826	0500	18	VT
4U1ITU	1827	0450	16	MA
4X4NJ	1830	2200	20	VT
4X4NJ	1832	2215	20	MA
6Y5/KT3M	1843	0343	22	RI
9J2JN	1832	0355	18	VT
BY4AA	1910	1229	18	CO
C6A/WB8EQJ	1838	0341	22	RI
CT1AOZ	1838	0655	19	VT
CT4NH	1838	0655	19	VT
EL2CJ	1829	2300	15	RI
FM5WD	1830	2345	16	VT
HBONL	1827	0429	18	VT
HK1AMW	1830	2340	17	MA

KH6CC	1808	1030	21	VT
KH6CC	1809	1030	20	VT
KH6CC	1810	1100	17	VT
OH1XX	1831	2350	18	VT
OH1XX	1833	2355	18	RI
SM7BIC	1832	2210	21	MA
TR8JLD	28596	1700	20	PA
TT8/N7DF	1829	0155	14	CO
TZ6FE	21028	1730	21	PA
UB5EAO	1842	0248	16	RI
VK6HD	1831	1340	19	CO
VP9BO	1840	2300	17	VT
VS6DO	1821	1245	19	CO
VS6DO	1821	1339	19	WY
VS6DO	1822	1315	19	CO
VS6DO	1822	1310	20	CO
ZL2BT	1838	0700	19	VT
ZL3GQ	1831	0712	19	VT
ZS5LB	1832	0323	16	RI

## 80 METERS

9H1GY	3791	0530	20	CO
9Y4BA	3878	0550	20	CO
A71AD	3794	0245	18	MA
A71AD	3795	0245	16	CO
A71AD	3797	0313	18	MA
BY4AA	3802	1320	16	OR
C2ACW	3505	0105	17	CO
CM8GV	3798	0025	21	MA
CN2AQ	3779	0555	20	CO
CN2AQ	3785	0350	21	CO
CN2AQ	3785	0350	21	MA
CN2AQ	3790	0530	23	NH
CN2AQ	3797	0500	20	MA
DU9RG	3794	1305	20	OR
DU9RG	3795	1300	20	WY
EA7EL	3791	0530	20	CO
EA8TE	3799	0020	22	NH

EA9IE	3799	0215	18	CO
EA9IE	3799	0600	17	CO
EA9IE	3800	0232	19	WY
EL2CJ	3505	0018	19	FL
FT8XA	3505	1403	14	OR
FT8XA	3505	1351	14	CO
HBONL	3502	0050	21	CO
HL1EJ	3502	1435	19	PA
HL9CN	3503	1407	15	OR
J5WAD	3647	0145	20	CO
J5WAD	3647	0141	20	MA
J5WAD	3647	0200	20	PA
J5WAD	3648	0134	20	NH
J5WAD	3649	0215	20	MA
J5WAD	3795	0339	20	WY
J73LC	3798	0327	22	MA
LU2DX	3797	0443	16	MA
LU2FFD	3788	0320	21	CO



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LZ2AB 3798 0400 20 CO  
OH7RS 3506 1409 17 OR  
RAQJD 3508 1435 17 OR  
S9/DJ90N 3501 0045 21 CO  
S9/DJ90N 3501 0000 21 FL  
TG9VT 3783 0434 13 WY  
TK/FE5RV 3779 0430 20 CO  
TK/FE5RV 3784 0340 13 WY  
TR8IG 3506 0535 20 MA  
UALPAO 3503 1310 20 CO

(F.J.L.)

UA4FZ 3509 0220 21 CO  
UWOCW 3648 1335 18 CO  
UZOFWA 3505 1213 17 AL  
V2ACW 3507 0146 20 FL  
VK9NM/LH 3505 1225 19 OR  
VR6JR 3776 0410 20 CO  
VR6JR 3777 0522 20 MA  
VS6DO 3501 1310 19 CO  
VS6DO 3504 1215 21 CO  
VS6DO 3795 1335 17 CO  
YB0ARA 3793 1330 13 WY  
YB0ARA 3795 1315 17 CO  
YBOWR 3799 1325 23 OR  
YC9VF 3585 1340 15 OR  
ZS4PB 3797 0407 16 MA  
ZS6DN 3790 0330 24 OR

40 METERS

3B8DB 7002 0200 18 PA  
3B8DB 7029 0252 16 MA  
4X6KF 7001 0000 17 PA  
5N2/JG1FVZ 7011 0025 18 CO  
9H3ZJN 7025 0400 20 AL  
9V1TL 7004 1141 20 OR  
AH2G 7007 1149 11 AL  
AH2G 7008 1140 19 MA  
AH2G 7009 1300 19 MN  
BV2DA 7001 1320 19 CO  
BV2DA 7001 1420 19 OR  
BV2DA 7002 1430 18 OR  
BV2DA 7003 1400 21 OR  
BV2DA 7010 1448 10 OR  
BV2DA 7006 1326 23 OR  
CE0ZIG 7002 0320 14 CO  
CE0ZIG 7003 1239 14 CO  
CE3IAP 7005 2309 16 FL  
CE8PD 7005 0155 20 FL  
CE9AA 7010 0325 18 OR  
CE9AA 7011 0140 18 MA  
CE9AA 7012 0225 17 MA  
CP6IB 7003 0200 17 MA  
CP6IB 7008 0157 20 FL  
CX3GR 7008 2316 20 FL  
CX5BBI 7005 0011 17 FL  
CX8ABZ 7010 0225 18 MA  
DU2/KK7K 7008 1140 20 OR  
EA6FD 7002 0154 20 FL  
EA6KZ 7010 2350 15 FL  
EA9/W9GW 7002 0729 21 FL  
EA9KD 7009 2301 16 FL  
EA9MY 7012 2327 20 FL  
FK8FG 7009 1245 19 PA  
FM5BW 7006 0341 20 AL  
FO0LG 7004 1115 23 PA  
FO0LG 7005 1130 23 MN  
FO0LG 7006 0435 22 OR  
FP5HL 7020 0038 11 OR  
FS/FG5DL 7005 2210 20 FL  
FT8XA 7001 0230 19 CO  
FT8XA 7001 0140 21 PA  
FT8XA 7002 0105 20 MA  
FT8XA 7004 0010 21 CO

FT8XA 7005 0040 17 MN  
FT8XA 7005 0050 21 FL  
FT8XA 7005 1146 22 PA  
FT8XA 7006 1300 20 PA  
FT8XA 7007 0050 21 CO  
FT8XA 7007 0115 16 PA  
FT8XA 7008 0225 21 MA  
FT8XA 7008 1245 14 CO  
FT8XB 7003 0220 22 CO  
FT8XB 7003 0029 22 MN  
FT8XB 7003 0132 22 FL  
FT8XB 7006 1300 20 MN  
H44IA 7007 1140 14 PA  
H44IA 7007 1120 14 AL  
H44IA 7008 1133 18 AL  
H44IA 7009 1150 20 PA  
H44IA 7010 1115 16 PA  
H44IA 7010 1017 17 FL  
HC5NAI 7012 0201 19 FL  
HI8JT 7013 0328 19 FL  
HK1AMW 7001 1145 20 OR  
HLOCBD 7004 1217 19 CO  
HL9TW 7090 1255 24 OR  
HP1XKR 7007 2330 15 FL  
HZ1HZ 7001 0102 11 LA  
HZ1HZ 7009 0150 24 PA  
HZ1HZ 7023 0208 23 MA  
JA5BJC 7008 2146 20 FL  
JW0A 7001 2323 21 MN  
OA4BCZ 7013 0149 19 FL  
PT8CW 7014 0330 18 EU  
PZ1DV 7004 0115 17 MN  
PZ2AC 7005 0330 15 PA  
RALAO 7007 1402 20 OR  
RALAO 7009 0100 21 OR  
RL8PYL 7010 1355 21 OR  
S9/DJ90N 7001 0000 16 PA  
SM2EKM 7004 1140 18 AL  
SV0DV/9 7005 0100 21 FL  
SV0DV/9 7003 0305 23 PA  
TA1CK 7010 2332 15 FL  
TF3SV 7006 0130 20 MA  
TI8ZWW 7008 2345 15 FL  
TT8/N7DF 7004 0145 14 CO  
TZ6FE 7004 0100 20 MA  
UH8EAK 70070149 20 FL  
UL7EZ 7005 1200 17 AL  
UL8GWJ 7012 1455 17 OR  
UR2RWX 7006 1415 19 OR  
UZ3AWO 7013 1244 12 AL  
UZ9AYA 7009 1137 12 AL  
V2ACW 7008 0113 23 MA  
V44KAC 7072 0215 23 OR  
VE8HL 7010 0102 21 FL  
VK9NM/LH 7013 1209 16 AL  
VK9NM/LH 7002 1017 23 MA  
VP2VEQ 7008 2212 20 FL  
VS6DO 7002 1350 15 OR  
VS6TP 7004 1520 16 OR  
VU2TEC 7005 1215 19 CO  
YB0ARA 7005 2325 16 MN  
YB0ARA 7005 2313 18 MN  
YB0ARA 7006 2327 15 FL  
YB0ARA 7002 1019 17 FL  
YB0TK 7003 1136 11 AL  
YN1CC 7007 0505 22 OR  
Z22JS 7012 0340 19 PA  
Z23JO 7004 0206 19 LA  
Z23JO 7007 0343 20 AL  
ZM8OY 7010 1145 19 CO  
ZP5CA 7013 0136 17 MA  
ZP5JCY 7084 0012 17 CO  
ZS1HV 7007 2300 16 FL  
ZS2MX 7063 0355 21 OR

20 METERS

3D2DM 14309 0320 22 MN  
3D2DM 14309 0230 22 OR  
3XOHAB 14035 2145 21 MA  
4U1ITU 14045 1531 20 AL  
5H3HM 14168 1828 10 OR  
5N25/N5CJB 14206 2044 19 MN  
5V7HL 14220 2220 14 IL  
5W1DZ 14309 0335 22 OR  
5X5GK 14182 1918 10 OR  
6T2MG 14167 2240 17 CO  
7J1AA 14010 2312 19 MA  
9L3HW 14183 1838 16 MA  
BV2DA 14016 2355 16 OR  
BY1QH 14227 0022 10 GA  
EA6/N6ZY 14027 1750 13 CO  
EA9/W9GW 14027 1733 19 MN  
EA9/W9GW 14026 1205 19 MA  
EA9/W9GW 14023 2052 19 FL  
EA9/W9GW 14023 2100 19 OR  
EA9RY 14207 2033 13 IL  
EL2CJ 14028 2115 20 FL  
EL2EF 14182 2234 8 MN  
EL5G 14035 2150 16 FL  
FG5XC 14022 2042 17 OR  
FK8EJ 14012 0405 22 OR  
FR4DN 14027 1940 15 MA  
FR4DN 14185 2000 18 MN  
FR4DN 14185 2225 18 PA  
HPLXKR 14035 1230 17 AL  
J5WAD 14155 2355 22 CO  
J5WAD 14158 1913 16 MA  
J5WAD 14198 2225 18 PA  
J5WAD 14208 2120 15 MA  
J6LPT 14035 2149 16 FL  
JW0A 14002 1509 20 AL  
JW5E 14235 1700 20 CO  
KH9/KB6DAW 14236 0130 24 CO  
PJ3SF 14036 2108 19 FL  
PJ9AR 14025 2135 20 FL  
RF6QAI 14012 1525 24 OR  
(OBL 014)  
S22CA 14183 1800 23 PA  
S79WHW 14183 1820 18 PA  
S79WHW 14183 1800 23 PA  
S9/DJ9KX 14195 2115 20 WY  
S9/DJ90N 14025 2145 16 FL  
S9/DJ90N 14024 2200 22 PA  
S9/DK9KX 14195 2100 17 OR  
ST2/ON7IP 14163 1818 10 OR  
TAE 14183 1818 18 PA  
TF/A15P 14015 2000 15 OR  
TR8JYC 14005 1920 17 OR  
TR8REL 14190 2245 17 CO  
TZ6FE 14027 1734 19 MN  
TZ6FE 14025 1623 20 AL  
TZ6FE 14028 1855 19 IL  
TZ6FE 14025 1530 20 PA  
TZ6FE 14030 1409 19 MN  
TZ6WC 14019 2350 21 PA  
TZ6WC 14021 2235 23 PA  
UA0ZCZ 14220 0235 22 OR  
UI8AHU 14030 1234 21 GA  
UI8IAC 14029 1526 20 AL  
UZ0DWB 14014 0305 22 OR  
(OBL 111)  
VK0GC 14309 0325 19 MN  
VS6KJ 14005 1540 24 OR  
YJ8RG 14309 0300 23 OR

YK/0E7RKH 14025 1930 14 PA  
ZB2EO 14028 1735 24 PA  
ZB2EO 14049 1334 12 AL  
ZD7CW 14183 1945 15 OR  
ZD7XY 14214 2042 13 IL  
ZK1CT 14212 0425 19 MN  
ZK1RE 14310 0411 22 OR

15 METERS

3A2AH 21029 1634 20 AL  
3A2AH 21027 1235 20 FL  
3D6AK 21033 1447 20 MA  
5N2/JG1FVZ 21025 1935 20 IL  
5N2/JG1FVZ 21025 1930 20 PA  
5N4TME 21331 1943 20 PA  
5T5RG 21004 1601 15 LA  
6W1CK 21026 2000 20 FL  
7P8CM 21295 1640 15 MA  
9J2BO 21046 1427 20 AL  
9J2BO 21047 1325 20 FL  
9X5WP 21275 1932 14 PA  
EA9KD 21011 1753 16 LA  
EL2CJ 21026 1605 15 LA  
FM5DD 21021 1940 15 MA  
FO8IW 21257 2142 20 MA  
GU3HFN 21020 1709 20 LA  
HBONL 21020 1631 20 LA  
HI8CP 21021 1919 19 FL  
J5WAD 21223 1855 19 IL  
S9/DJ90N 21025 1720 15 PA  
S9/DJ90N 21025 1750 23 PA  
T77C 21024 1630 23 PA  
TR8RAL 21208 1916 20 MA  
TR8RAL 21235 1941 21 MA  
TR8REL 21210 1930 20 PA  
TR8SA 21249 1958 21 MA  
TR8SA 21308 2013 20 MA  
TR8SA 21309 1942 20 PA  
TZ6FE 21029 1516 21 LA  
TZ6FE 21028 1615 21 MA  
TZ6FE 21028 2130 21 MA  
TZ6FE 21027 1850 23 PA  
UD7DZA 21024 1313 20 FL  
UH8EA 21041 1334 20 FL  
V2ACW 21054 1443 20 AL  
YN1CC 21023 2006 20 FL  
ZB2EO 21022 1255 20 FL  
ZC4CZ 21025 1343 22 LA  
ZD7JAM 21248 1923 20 MA  
ZS3BI 21049 1617 15 LA  
ZS3GB 21292 1935 20 PA

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# CALENDAR

ISSUE 308

AFRICA	W6KG/W6QL active now as W6KG/ZS, ZS3 in Nov, then A2, 7P, 3D6, S8, ZE, 7Q, 9J, and CR8 (?) as possibilities, through next April. QSL to YASME.	MAURITANIA-5T	5T5SL (9X5SL) reported in EU 14.277 at 1700
ANTIGUA-V2A	SW Ohio DXA group for CQ WW CW	MONGOLIA-JT	JTOAPE, JTOEC, JT1KAI, in EU, 1000Z
BANGLADESH-S2	VO1OC/S2 reported in EU; I307	MONTERRAT-VP2M	VP2MEV by AJ6V, CQ WW CW
BARBADOS-8P6	K6ZM/8P6 now until Nov 28	NORTH COOKS-ZK1	ZK1WL by ZL3AFH may stay until Dec.
CAMBODIA-XU	XU1SS in Eu., Thursdays, 12Z, 14.198	PETER I ISLAND	Possible December by JF11ST; I300
CAPE VERDE-D44	D44BC by N6TJ for CQWW CW in Nov	PITCAIRN-VR6	VR6JR apparently still there
CHAD-TT	N7DF/TT8 ended	QATAR-A7	A71AD says he will be on 160 late Oct
CHATHAM-ZL7	ZL7AA there on 10, 80 Meters	SABLE-CY0	CY0SAB by AK4L group end of Nov
CHINA-BY	BY1QH, BY1SK active 20 SSR	SAIPAN-KH0	NH6J/KH0 for CQ CW; I308
CHRISTMAS-VK9X	VK9XJ info Issue 301	SAO TOME-S9	S92LB on 14.183 2030-2330Z4
CONGO-TN	TN8EE still there; mostly 40 meters	SRI LANKA-4S7	his QSLs are good for DXCC
CW CONTEST	CQCW, last weekend of November	SYRIA-YK	By DF2RG/4S7 now until Nov 21
E KIRIBATI-T32	T32AB on 20 SSR		OE7RKH/YK on 20, 40 CW
FIJI-3D2	3D2 by W0JEE until Nov 11	TANZANIA -5H	5H3BH by SMOAJU for CQ CW; I308
FR SAINT MARTIN	N6AUV/FS7, CQ CW	THAILAND-HS	HS0A for CQCW Contest; I308
	FG/K3VW/PS Nov 21-Dec 3	TOKELAUS-ZK3	ZK3 by ZL1AMO in mid-Nov
GAMBIA-C5	C56/OH2BEN Nov 4-18; Issue 307	TONGA-A35	A35TN by VK3DET Nov 25-Jan 3.
GENEVA ITU-4U1	4U1ITU in CQ CW; I308	TRISTAN-ZD9	ZD9BV active occasionally on 15, 40
GUINEA-3X	3XOHAB by DL8CM began Oct 20	WAKE-KH9	KB6DAW/KH9 and NY6M/KH9 until Nov 4
GUINEA-BISSAU-J5	J5WAD on 80, good signal	WALLIS-FW	FW8AF leaves in a few months
HEARD ISLAND-VK0	VK0CC active on 20, works	WEST SAMOA-5W	SW1CW by ZL1AMO late Nov
	Australians, etc	WILLIS-VK9Z	VK9ZB on P29JS 14.220 net at 07Z
JORDAN-JY	JYs signing JY50 Nov 4-21; I308		also active on 40, 80
KERGUELEN-FT8X	FT8XB, XA very active all bands;	160 METER NET	With 4X4NJ, 1400Z, Saturday, 14.337
KERMADEC-ZM8	ZM8OY on now to Dec 31		
LORD HOWE-VK9	VK9NM by DJ5CQ until Feb, 1986		
MALDIVES-8Q	8Q7ITU until Dec, QSL DK3ZD		
MALI-TZ	TZ6FE, TZ6FS, WC all active; I298		

## CONTRIBUTORS

K1LBU, K1RTB, ZS6USA, DF2RG, SMOAJU, W1RIH, JE1JKL, K6DG, OH3YI, K4BAI, KD7SO, K3RR, K1XN, WB8ZRL, K0CVD, W0LJR, KA0CDN, K1SR, KA5SDN, N1LR, W1OD, K1LPS, K1MEM, KB8KW/7, N4NO, W9IL, W1CYB, K9UIY, W4VQ, W7ULC, W4ZFE.

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